

# Ozark Region Occupational Projections 2020-2030

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Occupational projections are produced every two years and are published in July of even numbered years. Occupations are classified using the Standard Occupational Classification (SOC) system. Major occupation groups are at the two digit SOC level, while detailed c

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Major Occupation Group Information

Occupation		2020	2030	2020-2030		2020 Wages				Annual Openings			
SOC Code	Title	Estimated Employment	Projected Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total
00-0000	Total, All Occupations	250,197	279,425	29,228	11.7%	\$24,318	\$43,792	\$34,583	\$51,738	11,883	17,915	2,923	32,721
11-0000	Management Occupations	11,674	13,315	1,641	14.1%	\$55,670	\$93,898	\$80,060	\$118,128	295	701	164	1,160
13-0000	Business and Financial Operations Occupations	11,583	12,918	1,335	11.5%	\$41,235	\$60,766	\$54,095	\$73,090	324	720	134	1,178
15-0000	Computer and Mathematical Occupations	5,293	6,000	707	13.4%	\$41,693	\$64,232	\$59,039	\$81,127	113	282	71	466
17-0000	Architecture and Engineering Occupations	2,117	2,394	277	13.1%	\$51,176	\$71,400	\$66,993	\$85,606	56	112	28	196
19-0000	Life, Physical, and Social Science Occupations	1,007	1,104	97	9.6%	\$42,327	\$64,659	\$58,095	\$82,787	23	70	10	103
21-0000	Community and Social Service Occupations	4,852	5,302	450	9.3%	\$26,781	\$37,569	\$35,157	\$43,538	162	317	45	524
23-0000	Legal Occupations	1,684	1,926	242	14.4%	\$35,554	\$74,304	\$51,505	\$84,390	54	81	24	159
25-0000	Education, Training, and Library Occupations	11,801	12,940	1,139	9.7%	\$32,016	\$48,079	\$42,852	\$56,948	486	560	114	1,160
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	4,338	5,217	879	20.3%	\$25,501	\$40,507	\$36,098	\$49,032	175	304	88	567
29-0000	Healthcare Practitioners and Technical Occupations	17,849	19,532	1,683	9.4%	\$41,880	\$69,075	\$55,554	\$77,429	470	580	168	1,218
31-0000	Healthcare Support Occupations	12,068	13,517	1,449	12.0%	\$22,647	\$29,604	\$25,501	\$32,231	758	780	145	1,683
33-0000	Protective Service Occupations	4,375	4,849	474	10.8%	\$28,914	\$43,804	\$39,557	\$54,769	231	304	47	582
35-0000	Food Preparation and Serving Related Occupations	23,717	29,258	5,541	23.4%	\$19,932	\$24,887	\$21,581	\$25,843	2,025	2,713	554	5,292
37-0000	Building and Grounds Cleaning and Maintenance Occupations	9,028	10,252	1,224	13.6%	\$21,736	\$27,612	\$24,604	\$30,207	547	704	122	1,373
39-0000	Personal Care and Service Occupations	7,380	8,797	1,417	19.2%	\$20,320	\$26,664	\$22,816	\$29,085	532	658	142	1,332
41-0000	Sales and Related Occupations	28,240	29,896	1,656	5.9%	\$22,202	\$37,822	\$27,817	\$42,640	1,522	2,298	166	3,986
43-0000	Office and Administrative Support Occupations	33,805	34,342	537	1.6%	\$26,374	\$36,085	\$32,126	\$40,394	1,620	2,139	54	3,813
45-0000	Farming, Fishing, and Forestry Occupations	582	604	22	3.8%	\$23,954	\$31,242	\$29,596	\$36,464	25	67	2	94
47-0000	Construction and Extraction Occupations	10,252	11,518	1,266	12.4%	\$34,234	\$49,204	\$44,297	\$61,085	322	732	127	1,181
49-0000	Installation, Maintenance, and Repair Occupations	10,411	11,653	1,242	11.9%	\$33,023	\$46,617	\$43,566	\$57,229	347	714	124	1,185
51-0000	Production Occupations	13,320	14,548	1,228	9.2%	\$29,343	\$38,663	\$37,026	\$46,044	532	991	123	1,646
53-0000	Transportation and Material Moving Occupations	24,821	29,543	4,722	19.0%	\$24,318	\$37,296	\$31,866	\$43,533	1,264	2,087	472	3,823

Please see Notes tab for further explanation of data.

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## Long-Term Occupational Projections for Ozark Region

# Top Job Outlook by Now, Next, and Later Categories

Outlook defined by Career Grades which consider openings, growth rate, and wages

## NOW Top Job Outlook - Ozark

*NOW jobs typically require high school education or less and short-term training*

Grade	Occupation Title	Annual Openings	Average Annual Wage
B	Fast Food and Counter Workers	1,838	\$22,793
B	Retail Salespersons	1,254	\$30,956
B+	Waiters and Waitresses	1,193	\$22,877
B+	Stockers and Order Fillers	966	\$28,794
B	Customer Service Representatives	804	\$32,783
B	Home Health and Personal Care Aides	688	\$25,013
B+	Laborers and Freight, Stock, and Material Movers, Hand	533	\$31,795
B	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	514	\$27,407
B	Maids and Housekeeping Cleaners	398	\$24,274
B+	Landscaping and Groundskeeping Workers	321	\$28,598
A	Driver/Sales Workers	287	\$32,068
A	Light Truck or Delivery Services Drivers	267	\$40,430
B+	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	242	\$27,687
B+	Construction Laborers	226	\$44,617
B+	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	211	\$22,550
B+	Amusement and Recreation Attendants	194	\$22,643
B	Security Guards	180	\$37,871
A	Bartenders	170	\$28,781
B	Hotel, Motel, and Resort Desk Clerks	162	\$25,784
B	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	132	\$21,641

## NEXT Top Job Outlook - Ozark

*NEXT jobs typically require moderate/long-term training or experience or education beyond high school*

Grade	Occupation Title	Annual Openings	Average Annual Wage
A	Heavy and Tractor-Trailer Truck Drivers	914	\$48,577
A	Cooks, Restaurant	725	\$27,386
B	Nursing Assistants	540	\$29,855
A	First-Line Supervisors of Food Preparation and Serving Workers	307	\$32,755
B	Maintenance and Repair Workers, General	305	\$36,149
B	First-Line Supervisors of Retail Sales Workers	286	\$47,243
A	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific	235	\$61,727
B	Welders, Cutters, Solderers, and Brazers	199	\$43,128
B	First-Line Supervisors of Office and Administrative Support Workers	189	\$60,792
B+	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, ar	176	\$52,729
B	Recreation Workers	171	\$26,202
B	Carpenters	138	\$47,517
B+	Electricians	138	\$57,394
B	Hairdressers, Hairstylists, and Cosmetologists	122	\$28,670
B	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers,	118	\$38,301
B	Fitness Trainers and Aerobics Instructors	117	\$30,941
B	Insurance Sales Agents	110	\$59,756
B	Computer User Support Specialists	94	\$42,569

B	Police and Sheriff's Patrol Officers	89	\$50,230
B	Real Estate Brokers	89	\$41,463

## LATER Top Job Outlook - Ozark

*LATER jobs typically require a Bachelor's degree or higher education*

Grade	Occupation Title	Annual Openings	Average Annual Wage
A+	General and Operations Managers	504	\$83,094
B+	Registered Nurses	376	\$60,159
B+	Accountants and Auditors	222	\$55,771
B+	Project Management Specialists and Business Operations Specialists, All Other	152	\$66,575
A	Software Developers and Software Quality Assurance Analysts and Testers	140	\$69,584
B	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	133	\$31,009
B	Human Resources Specialists	121	\$50,111
B+	Market Research Analysts and Marketing Specialists	112	\$50,091
A	Management Analysts	100	\$71,591
B	Elementary School Teachers, Except Special Education	97	\$49,702
B	Securities, Commodities, and Financial Services Sales Agents	67	\$64,069
B	Coaches and Scouts	65	\$38,991
B	Educational, Guidance, School, and Vocational Counselors	63	\$49,400
A	Financial Managers	62	\$111,673
A+	Nurse Practitioners	62	\$90,860
A+	Medical and Health Services Managers	60	\$107,180
B	Training and Development Specialists	59	\$55,942
B	Teachers and Instructors, All Other, Except Substitute Teachers	54	\$45,961
A	Construction Managers	51	\$85,624
A	Lawyers	50	\$110,535

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center  
Please see Notes tab for additional details

Long-Term Occupational Projections for Ozark Region

## Top Job Openings by Now, Next, and Later Categories

Openings based on job growth as well as replacement needs due to exits or transfers

NOW Top Job Openings - Ozark			
NOW jobs typically require high school education or less and short-term training			
Grade	Occupation Title	Annual Openings	Average Annual Wage
B	Fast Food and Counter Workers	1,838	\$22,793
B	Retail Salespersons	1,254	\$30,956
B+	Waiters and Waitresses	1,193	\$22,877
C	Cashiers	1,185	\$23,522
B+	Stockers and Order Fillers	966	\$28,794
B	Customer Service Representatives	804	\$32,783
B	Home Health and Personal Care Aides	688	\$25,013
C+	Office Clerks, General	615	\$32,574
B+	Laborers and Freight, Stock, and Material Movers, Hand	533	\$31,795
B	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	514	\$27,407
B	Maids and Housekeeping Cleaners	398	\$24,274
C+	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	372	\$33,880
B+	Landscaping and Groundskeeping Workers	321	\$28,598
A	Driver/Sales Workers	287	\$32,068
A	Light Truck or Delivery Services Drivers	267	\$40,430
B+	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	242	\$27,687
C	Childcare Workers	229	\$21,991
B+	Construction Laborers	226	\$44,617
B+	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	211	\$22,550
B+	Amusement and Recreation Attendants	194	\$22,643

NEXT Top Job Openings - Ozark			
NEXT jobs typically require moderate/long-term training or experience or education beyond high school			
Grade	Occupation Title	Annual Openings	Average Annual Wage
A	Heavy and Tractor-Trailer Truck Drivers	914	\$48,577
A	Cooks, Restaurant	725	\$27,386
B	Nursing Assistants	540	\$29,855
A	First-Line Supervisors of Food Preparation and Serving Workers	307	\$32,755
B	Maintenance and Repair Workers, General	305	\$36,149
B	First-Line Supervisors of Retail Sales Workers	286	\$47,243
A	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	235	\$61,727
C+	Bookkeeping, Accounting, and Auditing Clerks	231	\$34,876
B	Welders, Cutters, Solderers, and Brazers	199	\$43,128
B	First-Line Supervisors of Office and Administrative Support Workers	189	\$60,792
B+	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	176	\$52,729
B	Recreation Workers	171	\$26,202
C+	Medical Secretaries	170	\$33,527
C+	Automotive Service Technicians and Mechanics	163	\$43,019
B	Carpenters	138	\$47,517
B+	Electricians	138	\$57,394
C+	Teaching Assistants, Except Postsecondary	137	\$26,507
B	Hairdressers, Hairstylists, and Cosmetologists	122	\$28,670
C+	Medical Assistants	121	\$29,537
B	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and Finishers	118	\$38,301

LATER Top Job Openings - Ozark			
LATER jobs typically require a Bachelor's degree or higher education			
Grade	Occupation Title	Annual Openings	Average Annual Wage
A+	General and Operations Managers	504	\$83,094
B+	Registered Nurses	376	\$60,159
B+	Accountants and Auditors	222	\$55,771

B+	Project Management Specialists and Business Operations Specialists, All Other	<b>152</b>	\$66,575
A	Software Developers and Software Quality Assurance Analysts and Testers	<b>140</b>	\$69,584
B	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	<b>133</b>	\$31,009
B	Human Resources Specialists	<b>121</b>	\$50,111
B+	Market Research Analysts and Marketing Specialists	<b>112</b>	\$50,091
A	Management Analysts	<b>100</b>	\$71,591
B	Elementary School Teachers, Except Special Education	<b>97</b>	\$49,702
C	Child, Family, and School Social Workers	<b>74</b>	\$33,513
B	Securities, Commodities, and Financial Services Sales Agents	<b>67</b>	\$64,069
B	Coaches and Scouts	<b>65</b>	\$38,991
B	Educational, Guidance, School, and Vocational Counselors	<b>63</b>	\$49,400
A	Financial Managers	<b>62</b>	\$111,673
A+	Nurse Practitioners	<b>62</b>	\$90,860
A+	Medical and Health Services Managers	<b>60</b>	\$107,180
B	Training and Development Specialists	<b>59</b>	\$55,942
C+	Middle School Teachers, Except Special and Career/Technical Education	<b>59</b>	\$47,026
C	Public Relations Specialists	<b>59</b>	\$45,670

*Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center*  
*Please see Notes tab for additional details*

## Fastest Growing Occupations by Now, Next, and Later Categories

Fastest growth defined by percent growth from base year to projected year

<b>NOW Fastest Growing Occupations - Ozark</b> <i>NOW jobs typically require high school education or less and short-term training</i>				
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage
B	Ushers, Lobby Attendants, and Ticket Takers	58.3%	86	\$23,600
B+	Miscellaneous Entertainers and Performers, Sports and Related Workers	37.2%	29	n/a
A	Bartenders	35.3%	170	\$28,781
B+	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	28.2%	211	\$22,550
A	Driver/Sales Workers	27.5%	287	\$32,068
B	Reservation and Transportation Ticket Agents and Travel Clerks	27.5%	22	\$28,346
A	Light Truck or Delivery Services Drivers	25.3%	267	\$40,430
B+	Amusement and Recreation Attendants	24.7%	194	\$22,643
B	Dishwashers	23.8%	127	\$23,050
B	Hotel, Motel, and Resort Desk Clerks	23.5%	162	\$25,784
B+	Waiters and Waitresses	23.2%	1,193	\$22,877
B	Cargo and Freight Agents	22.5%	22	\$59,404
B	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	22.2%	19	\$40,567
B+	Stockers and Order Fillers	21.6%	966	\$28,794
B	Industrial Truck and Tractor Operators	20.3%	129	\$35,049
B	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	19.7%	132	\$21,641
C+	Packers and Packagers, Hand	19.3%	38	\$28,329
B+	Laborers and Freight, Stock, and Material Movers, Hand	19.2%	533	\$31,795
B+	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	19.2%	242	\$27,687
B	Counter and Rental Clerks	17.8%	105	\$33,648

<b>NEXT Fastest Growing Occupations - Ozark</b> <i>NEXT jobs typically require moderate/long-term training or experience or education beyond high school</i>				
Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage
B	Actors	57.3%	32	n/a
B	Audio and Video Equipment Technicians	55.9%	20	\$38,307
A	Cooks, Restaurant	52.0%	725	\$27,386
B+	Security and Fire Alarm Systems Installers	38.9%	24	\$49,842
B	Computer Numerically Controlled Tool Programmers	36.7%	8	\$49,214
B	Massage Therapists	31.3%	31	\$41,523
B+	Industrial Machinery Mechanics	31.2%	48	\$53,528
B+	Physical Therapist Assistants	29.5%	37	\$52,227
B+	Chefs and Head Cooks	27.5%	32	\$60,875
B	Photographers	26.9%	73	\$32,161
B	Respiratory Therapists	25.4%	33	\$53,408
B	Fitness Trainers and Aerobics Instructors	25.0%	117	\$30,941
A	First-Line Supervisors of Food Preparation and Serving Workers	24.6%	307	\$32,755
B	Hairdressers, Hairstylists, and Cosmetologists	23.9%	122	\$28,670
B	Mobile Heavy Equipment Mechanics, Except Engines	23.6%	39	\$51,896
B	Occupational Therapy Assistants	21.4%	14	\$57,385
B	Machinists	20.5%	46	\$49,714
B	Agricultural and Food Science Technicians	20.5%	14	n/a
B	Outdoor Power Equipment and Other Small Engine Mechanics	20.0%	17	\$38,467
C+	Veterinary Technologists and Technicians	19.8%	15	\$33,502

<b>LATER Fastest Growing Occupations - Ozark</b> <i>LATER jobs typically require a Bachelor's degree or higher education</i>				
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Grade	Occupation Title	Percent Growth	Annual Openings	Average Annual Wage
A+	Nurse Practitioners	47.1%	62	\$90,860
A	Logisticians	44.3%	23	\$63,826
A	Information Security Analysts	33.0%	24	\$88,038
B+	Curators	30.7%	11	\$55,854
B	Producers and Directors	28.0%	12	\$41,084
B+	Market Research Analysts and Marketing Specialists	27.3%	112	\$50,091
A	Industrial Engineers	27.1%	30	\$75,276
A+	Medical and Health Services Managers	27.0%	60	\$107,180
B+	Health Specialties Teachers, Postsecondary	25.8%	17	\$71,066
A	Physician Assistants	25.6%	17	\$98,526
B	Coaches and Scouts	25.5%	65	\$38,991
B+	Speech-Language Pathologists	24.5%	27	\$71,452
A	Nursing Instructors and Teachers, Postsecondary	23.9%	17	\$72,286
B+	Mechanical Engineers	23.7%	18	\$71,471
A	Software Developers and Software Quality Assurance Analysts and Testers	23.1%	140	\$69,584
A	Financial Managers	22.3%	62	\$111,673
A	Construction Managers	20.9%	51	\$85,624
B+	Veterinarians	20.6%	7	\$81,528
B	Teachers and Instructors, All Other, Except Substitute Teachers	19.4%	54	\$45,961
A	Management Analysts	19.2%	100	\$71,591

Source: 2020-2030 Long-Term Occupational Projections, Missouri Economic Research and Information Center  
Please see Notes tab for additional details



All Occupation Information

Grade		N_A_L		SOC Code Title		2020		2030		2020-2030		2020 Wages				Annual Openings				Education, Experience, and Training			ACT Workkeys Assessment Levels						STEM CORE or Related
						Estimated Employment	Projected Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total	Typical Education Required	Typical Experience Required	Typical Job Training	Minimum	Median	Minimum	Median	Minimum	Median			
00-0000 Total, All Occupations						250,197	279,425	29,228	11.7%	\$24,318	\$43,792	\$34,583	\$51,738	11,883	17,915	2,933	32,721				Minimum	Median	Minimum	Median	Minimum	Median			
11-0000 Management Occupations						11,674	13,315	1,641	14.1%	\$55,670	\$93,898	\$80,060	\$118,128	295	701	164	1,160												
B	LATER	11-1011	Chief Executives	331	324	-7	-2.1%	\$77,539	\$162,519	\$136,897	n/a	9	13	-1	21	Bachelor's degree	5 years or more	None	4	5	5	6	4	5					
B	LATER	11-1021	General and Operations Managers	4,900	5,629	729	14.9%	\$45,840	\$83,094	\$67,374	\$104,217	105	326	105	504	Bachelor's degree	5 years or more	None	3	5	3	5	4	5					
C	LATER	11-1031	Legislators	38	42	4	10.5%	\$19,908	\$34,932	\$20,484	\$39,579	1	2	0	3	Bachelor's degree	Less than 5 years	None	3	5	4	6	4	5					
B+	LATER	11-2011	Advertising and Promotions Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	3	4	3	5	3	4					
B+	LATER	11-2021	Marketing Managers	147	163	16	10.9%	\$72,904	\$113,475	\$98,735	\$139,827	3	10	2	15	Bachelor's degree	5 years or more	None	7	7	5	5	5	5					
B+	LATER	11-2022	Sales Managers	368	419	51	13.9%	\$87,501	\$126,268	\$122,866	\$157,346	8	25	5	38	Bachelor's degree	Less than 5 years	None	4	4	5	5	4	5					
B+	LATER	11-2030	Public Relations and Fundraising Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	4	5	5	5	5	4					
A	LATER	11-3010	Administrative Services and Facilities Managers	462	531	69	14.9%	\$60,952	\$98,753	\$81,290	\$115,438	14	25	7	46	Bachelor's degree	Less than 5 years	None	3	5	4	5	4	4					
B+	LATER	11-3021	Computer and Information Systems Managers	354	395	41	11.6%	\$84,931	\$115,414	\$105,111	\$141,651	6	21	4	31	Bachelor's degree	5 years or more	None	5	5	5	5	5	5	Core				
A	LATER	11-3031	Financial Managers	610	746	136	22.3%	\$80,947	\$111,673	\$104,209	\$130,888	14	34	14	62	Bachelor's degree	5 years or more	None	4	5	3	5	4	4					
B+	LATER	11-3051	Industrial Production Managers	186	209	23	12.4%	\$72,753	\$99,197	\$91,515	\$117,879	4	9	2	15	Bachelor's degree	5 years or more	None	3	4	3	4	4	4					
B+	LATER	11-3061	Purchasing Managers	34	39	5	14.7%	\$84,762	\$117,528	\$113,169	\$147,446	1	2	0	3	Bachelor's degree	5 years or more	None	4	5	4	4	4	4					
A	NEXT	11-3071	Transportation, Storage, and Distribution Managers	210	250	40	19.1%	\$56,892	\$87,372	\$81,046	\$103,892	4	13	4	21	High school diploma or equivalent	5 years or more	None	3	4	3	4	3	4					
B	LATER	11-3111	Compensation and Benefits Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	4	5	5	5	4	4					
B+	LATER	11-3121	Human Resources Managers	183	206	23	12.6%	\$74,521	\$107,675	\$98,677	\$122,904	4	11	2	17	Bachelor's degree	5 years or more	None	3	5	4	5	4	4					
B+	LATER	11-3131	Training and Development Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	4	4	5	5	4	4					
C	NEXT	11-9013	Farmers, Ranchers, and Other Agricultural Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	5 years or more	None	4	6	5	5	4	5					
A	LATER	11-9021	Construction Managers	507	613	106	20.9%	\$58,242	\$85,624	\$76,344	\$110,144	12	28	11	51	Bachelor's degree	None	Moderate-term on-the-job training	4	5	3	6	3	5					
C	LATER	11-9031	Education Administrators, Preschool and Childcare Center/Program	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	4	4	5	5	4	4					
B	LATER	11-9032	Education Administrators, Elementary and Secondary School	329	358	29	8.8%	\$73,495	\$88,747	\$85,231	\$100,519	8	16	3	27	Master's degree	5 years or more	None	5	5	5	5	4	5					
C+	LATER	11-9033	Education Administrators, Postsecondary	285	309	24	8.4%	\$68,483	\$105,453	\$92,184	\$127,611	7	14	2	23	Master's degree	Less than 5 years	None	3	4	4	5	4	5					
C+	LATER	11-9039	Education Administrators, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	3	4	4	4	4	4					
B+	LATER	11-9041	Architectural and Engineering Managers	61	68	7	11.5%	\$130,194	\$155,084	\$153,794	\$180,474	1	3	1	5	Bachelor's degree	5 years or more	None	7	7	6	7	5	5	Core				
B	NEXT	11-9051	Food Service Managers	341	403	62	18.2%	\$36,122	\$66,088	\$62,661	\$79,169	11	30	6	47	High school diploma or equivalent	Less than 5 years	None	3	3	4	4	3	4					
B	NEXT	11-9081	Lodging Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	None	3	5	3	5	4	5					
A+	LATER	11-9111	Medical and Health Services Managers	537	682	145	27.0%	\$73,827	\$107,180	\$93,557	\$123,610	15	31	14	60	Bachelor's degree	Less than 5 years	None	3	4	3	4	3	4	Related				
C	LATER	11-9121	Natural Sciences Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	5	6	4	5	4	4					
C	NEXT	11-9131	Postmasters and Mail Superintendents	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	3	4	3	4	3	4	Core				
C	NEXT	11-9141	Property, Real Estate, and Community Association Managers	384	420	36	9.4%	\$26,592	\$44,186	\$36,073	\$54,528	15	15	4	34	High school diploma or equivalent	Less than 5 years	None	3	4	4	4	4	4					
C+	LATER	11-9151	Social and Community Service Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	3	4	4	4	4	4					
C+	LATER	11-9161	Emergency Management Directors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	3	4	4	4	4	4					
B+	LATER	11-9198	Personal Service Managers; Entertainment & Recreation Managers	239	262	23	9.6%	\$58,980	\$103,991	\$89,245	\$128,730	6	12	2	20	Bachelor's degree	Less than 5 years	None	3	4	4	5	3	4					
13-0000 Business and Financial Operations Occupations						11,583	12,918	1,335	11.5%	\$41,235	\$60,766	\$54,095	\$73,090	324	720	134	1,178												
B	LATER	13-1011	Agents and Business Managers of Artists, Performers, and Athletes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	4	5	3	5	3	4				
C	LATER	13-1020	Buyers and Purchasing Agents	445	442	-3	-0.7%	\$39,038	\$52,765	\$47,713	\$65,064	15	28	0	43	Bachelor's degree	None	Moderate-term on-the-job training	5	5	4	4	4	5					
C	NEXT	13-1031	Claims Adjusters, Examiners, and Investigators	328	328	0	0.0%	\$37,135	\$55,942	\$47,877	\$74,315	8	17	0	25	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	4	3	4					
C+	NEXT	13-1032	Insurance Appraisers, Auto Damage	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary not degree award	None	Moderate-term on-the-job training	3	4	3	5	4	4					
B	LATER	13-1041	Compliance Officers	232	260	28	12.1%	\$43,974	\$66,322	\$60,137	\$85,859	6	13	3	22	Bachelor's degree	None	Moderate-term on-the-job training	3	3	4	4	3	4					
B	LATER	13-1051	Cost Estimators	292	316	24	8.2%	\$45,606	\$75,149	\$60,384	\$78,705	9	18	2	29	Bachelor's degree	None	Moderate-term on-the-job training	5	5	4	4	4	4					
B	LATER	13-1071	Human Resources Specialists	1,073	1,213	140	13.1%	\$																					



B	LATER	25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	5	7	7	5	6	Core	
B	LATER	25-1063	Economics Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	7	7	7	7	5	7	Core	
C+	LATER	25-1064	Geography Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	6	7	7	5	6	Core	
B	LATER	25-1065	Political Science Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	4	4	7	7	5	6	Core	
B	LATER	25-1066	Psychology Teachers, Postsecondary	85	95	10	11.8%	\$53,018	\$64,808	\$61,506	\$73,388	4	4	1	9			Doctoral or professional degree	None	None	7	7	7	7	5	6	Core	
D	LATER	25-1067	Sociology Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	7	7	7	7	5	6	Core	
B	LATER	25-1069	Social Sciences Teachers, Postsecondary, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	7	7	7	7	5	6	Core	
B+	LATER	25-1071	Health Speciaities Teachers, Postsecondary	132	166	34	25.8%	\$56,571	\$75,066	\$60,202	\$86,402	3	3	1	7			Doctoral or professional degree	None	Less than 5 years	6	6	7	7	5	6	Related	
A	LATER	25-1072	Nursing Instructors and Teachers, Postsecondary	142	176	34	23.9%	\$56,431	\$77,286	\$62,945	\$78,395	7	7	3	17			Doctoral or professional degree	None	None	6	6	7	7	5	6	Related	
C+	LATER	25-1081	Education Teachers, Postsecondary	81	88	7	8.6%	\$51,342	\$66,753	\$63,142	\$77,420	4	4	1	9			Doctoral or professional degree	None	Less than 5 years	5	5	7	7	5	6		
C+	LATER	25-1082	Library Science Teachers, Postsecondary	38	40	2	5.3%	\$50,409	\$65,807	\$62,769	\$79,538	2	2	0	4			Doctoral or professional degree	None	None	5	5	7	7	5	6		
C+	LATER	25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	5	7	7	5	6		
C	LATER	25-1112	Law Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Less than 5 years	5	5	7	7	5	6		
C+	LATER	25-1113	Social Work Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	5	7	7	5	6		
B	LATER	25-1121	Art, Drama, and Music Teachers, Postsecondary	146	161	15	10.3%	\$54,810	\$69,078	\$62,756	\$75,175	7	7	2	16			Master's degree	None	None	5	5	7	7	5	6		
C+	LATER	25-1122	Communications Teachers, Postsecondary	82	88	6	7.3%	\$52,619	\$75,332	\$67,276	\$89,871	4	4	1	9			Doctoral or professional degree	None	None	5	5	7	7	5	6		
C	LATER	25-1123	English Language and Literature Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	5	7	7	5	6		
B	LATER	25-1124	Foreign Language and Literature Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	5	7	7	5	6		
C+	LATER	25-1125	History Teachers, Postsecondary	31	33	2	6.5%	\$55,319	\$69,603	\$64,719	\$80,457	1	2	0	3			Doctoral or professional degree	None	None	5	5	7	7	5	6		
B	LATER	25-1126	Philosophy and Religion Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	5	7	7	5	6		
C+	LATER	25-1139	Recreation and Fitness Studies Teachers, Postsecondary	36	39	3	8.3%	\$50,119	\$64,676	\$60,913	\$76,009	2	2	0	4			Doctoral or professional degree	None	None	5	5	7	7	5	6		
B	LATER	25-1194	Vocational Education Teachers, Postsecondary	182	188	6	3.3%	\$36,908	\$46,922	\$43,781	\$56,418	8	9	1	18			Bachelor's degree	None	Less than 5 years	3	4	7	7	5	6		
B	LATER	25-1199	Postsecondary Teachers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None	5	5	7	7	5	6		
C	NEXT	25-2011	Preschool Teachers, Except Special Education	370	401	31	8.4%	\$22,283	\$29,225	\$24,800	\$30,001	16	22	3	41			Associate degree	None	None	4	4	3	4	4	5		
B	LATER	25-2012	Kindergarten Teachers, Except Special Education	117	127	10	8.6%	\$37,460	\$45,710	\$43,220	\$50,197	5	7	1	13			Bachelor's degree	None	None	4	4	5	6	4	5		
C	LATER	25-2021	Elementary School Teachers, Except Special Education	1,173	1,270	97	8.3%	\$38,101	\$49,702	\$45,940	\$56,926	38	49	10	97			Bachelor's degree	None	None	4	4	5	6	4	5		
B	LATER	25-2022	Middle School Teachers, Except Special and Career/Technical Educa	721	781	60	8.3%	\$35,201	\$47,026	\$46,201	\$58,444	23	30	6	59			Bachelor's degree	None	None	4	4	5	6	4	5		
B	LATER	25-2031	Secondary School Teachers, Except Special and Career/Technical Ed	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5		
C+	LATER	25-2023	Career/Technical Education Teachers, Secondary School	33	36	3	9.1%	\$44,737	\$66,570	\$50,919	\$95,469	1	1	0	2			Bachelor's degree	None	Less than 5 years	3	3	5	6	4	5		
C+	LATER	25-2051	Special Education Teachers, Preschool	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5		
B	LATER	25-2052	Special Education Teachers, Kindergarten and Elementary School	254	284	7	8.9%	\$44,260	\$55,497	\$51,007	\$74,426	3	3	1	7			Master's degree	None	None	3	4	4	5	4	5		
C+	LATER	25-2057	Special Education Teachers, Middle School	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5		
C+	LATER	25-2058	Special Education Teachers, Secondary School	148	161	13	8.8%	\$43,511	\$49,342	\$47,293	\$51,183	5	6	1	12			Bachelor's degree	None	None	4	4	5	6	4	5		
C+	LATER	25-2059	Special Education Teachers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5		
C+	LATER	25-3011	Adult Basic and Secondary Education and Literacy Teachers and Inst	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5		
B	NEXT	25-3012	Self-Enrichment Education Teachers	581	690	109	18.8%	\$22,104	\$36,243	\$35,965	\$45,389	38	34	11	83			High school diploma or equivalent	None	None	4	4	5	6	4	5		
C	LATER	25-3031	Substitute Teachers, Short-Term	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	4	4	5	6	4	5		
B	LATER	25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	377	450	73	19.4%	\$24,766	\$45,961	\$44,783	\$62,077	25	22	7	54			Bachelor's degree	None	None	4	4	5	6	4	5		
B	LATER	25-4011	Archivists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None	4	4	4	5	4	5		
B+	LATER	25-4021	Curators	98	75	23	30.7%	\$37,139	\$55,854	\$49,762	\$75,979	4	5	2	11			Master's degree	None	None	4	4	4	5	4	5		
B	LATER	25-4013	Museum Technicians and Conservators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None	4	4	4	5	4	5		
C	LATER	25-4022	Librarians and Media Collections Specialists	105	116	11	10.5%	\$38,948	\$52,755	\$48,584	\$64,072	5	5	1	11			Master's degree	None	None	8	8	10	8	10	8		
D	NEXT	25-4031	Library Technicians	61	60	-1	-1.6%	\$23,849	\$33,540	\$31,667	\$40,838	5	4	0	9			Postsecondary non-degree award	None	None	3	4	3	4	3	4		
C	LATER	25-9031	Instructional Coordinators	231	259	28	12.1%	\$44,201	\$59,671	\$55,493	\$74,443	12	11	3	26			Master's degree	None	5 years or more	3	3	5	6	3	4		
B	LATER	25-9042	Teaching Assistants, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	3	3	4	5	3	4		
C	NEXT	25-9045	Teaching Assistants, Except Postsecondary	1,340	1,440	100	7.5%	\$19,838	\$26,507	\$25,038	\$30,440	62	65	10	137			Some college, no degree	None	None	3	4	3	4	3	3		
C	LATER	25-9099	Education, Training, and Library Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	3	4	4	4	4	4		
<b>27-0000 Arts, Design, Entertainment, Sports, and Media Occupations</b>				<b>4,338</b>	<b>5,217</b>	<b>879</b>	<b>20.3%</b>	<b>\$25,301</b>	<b>\$40,007</b>	<b>\$36,098</b>	<b>\$49,032</b>	<b>175</b>	<b>304</b>	<b>88</b>	<b>567</b>													
B	LATER	27-1011	Art Directors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	5 years or more	3	4	4	5	5	5		
B	NEXT	27-1012	Craft Artists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	None	Long-term on-the-job training	4	4	3	3	5	5	
C+	LATER	27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	Long-term on-the-job training	4	4	5	5	5	5	
C	LATER	27-1014	Media Artists and Animators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	Long-term on-the-job training	3	4	3	4	4	4	
B	NEXT	27-1019	Artists and Related Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	None	Long-term on-the-job training	5	5	5	5	5	5	
C	LATER	27-1021	Commercial and Industrial Designers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	Long-term on-the-job training	5	5	4	5	5	5	
C+	LATER	27-1022	Fashion Designers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	Long-term on-the-job training	3	3	3	4	3	4	
F	NEXT	27-1023	Graphic Designers	110	85	-25	-22.7%	\$20,051	\$23,176	\$21,447	\$24,058	3	6	-2	7			High school diploma or equivalent	None	None	Moderate-term on-the-job training	3	3	3	4	3	4	
C	LATER	27-1024	Photographers	383	406	23	6.0%	\$31,095	\$41,426	\$37,895	\$49,725	12	24	2	38			Bachelor's degree	None	None	Long-term on-the-job training	3	4	3	4	4	5	
B	LATER	27-1025	Interior Designers	198	108	-5	-2.5%	\$43,116	\$58,966	\$50,662	\$60,660	6	6	1	12			Bachelor's degree	None	None	Long-term on-the-job training	3	3	4	4	4	5	
C+	NEXT	27-1026	Merchandise Displayers and Window Trimmers	252	292	40	15.9%	\$27,040	\$33,034	\$30,294	\$36,564	8	16	4	28			High school diploma or equivalent	None	None	Short-term on-the-job training	3	3	4	4	4	4	
B	LATER	27-1027	Set and Exhibit Designers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	Long-term on-the-job training	6	6	4	4	4	4	
B	LATER	27-1029	Designers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None	Long-term on-the-job training	3	5	3	4	3	4	



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C	NEXT	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	284	351	67	23.6%	\$42,090	\$51,896	\$50,531	\$63,991	10	22	7	39	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	3	3
C	NEXT	49-3043	Rail Car Repairers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	4	4
C	NEXT	49-3051	Motorboat Mechanics and Service Technicians	63	74	11	17.5%	\$34,153	\$41,052	\$39,471	\$47,707	3	4	1	8	High school diploma or equivalent	None	Long-term on-the-job training	3	3	4	4	4	4
B	NEXT	49-3052	Motorcycle Mechanics	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	Short-term on-the-job training	3	4	4	4	4	4
B	NEXT	49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	120	144	24	20.0%	\$32,779	\$38,467	\$35,937	\$39,088	6	9	2	17	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	4	4
C	NEXT	49-3092	Recreational Vehicle Service Technicians	n/a	n/a	n/a	n/a	\$35,030	\$39,566	\$38,676	\$43,739	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	4	4	4	4	4	4
D	NOW	49-3093	Tire Repairers and Changers	376	373	-3	-0.8%	\$28,027	\$33,294	\$31,749	\$37,697	12	31	0	43	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	3	4
B	NEXT	49-3011	Mechanical Door Repairers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	4	4	4	4	4	4
C	NEXT	49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	NEXT	49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installer	665	738	73	11.0%	\$36,262	\$45,499	\$44,490	\$52,872	18	48	7	73	Postsecondary non-degree award	None	Long-term on-the-job training	3	4	3	4	3	4
C	NEXT	49-9031	Home Appliance Repairers	n/a	n/a	n/a	n/a	\$37,343	\$50,272	\$47,662	\$62,736	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
B+	NEXT	49-9041	Industrial Machinery Mechanics	369	484	115	31.2%	\$45,409	\$53,528	\$51,040	\$59,900	13	23	12	48	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	4
C	NEXT	49-9043	Maintenance Workers, Machinery	43	51	8	18.6%	\$39,036	\$49,266	\$36,577	\$59,935	2	3	1	8	High school diploma or equivalent	None	Long-term on-the-job training	3	4	4	4	3	4
C	NEXT	49-9044	Millwrights	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Apprenticeship	3	4	3	4	3	4
B	NEXT	49-9051	Electrical Power-Line Installers and Repairers	196	207	11	5.6%	\$74,834	\$89,443	\$87,914	\$104,443	4	14	1	19	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	3	4
C	NEXT	49-9052	Telecommunications Line Installers and Repairers	n/a	n/a	n/a	n/a	\$41,695	\$60,839	\$69,563	\$78,141	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	4	3	4
C	NEXT	49-9062	Medical Equipment Repairers	60	66	6	10.0%	\$29,379	\$40,554	\$37,514	\$51,289	3	4	1	8	Associate degree	None	Moderate-term on-the-job training	3	4	4	5	3	4
D	NEXT	49-9063	Musical Instrument Repairers and Tuners	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Apprenticeship	4	4	4	4	4	4
B	NEXT	49-9071	Maintenance and Repair Workers, General	2,665	3,043	378	14.2%	\$28,144	\$36,149	\$34,504	\$42,582	101	166	38	305	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
B	NOW	49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	4	3	4	4	4
B	NEXT	49-9094	Locksmiths and Safe Repairers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training	3	4	3	4	4	4
C	NOW	49-9095	Manufactured Building and Mobile Home Installers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training	3	3	3	3	4	4
B+	NEXT	49-9096	Riggers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	3	3	3
n/a	NEXT	49-9097	Signal and Track Switch Repairers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
C	NOW	49-9098	Helpers—Installation, Maintenance, and Repair Workers	51	60	9	17.7%	\$24,157	\$35,831	\$30,389	\$40,076	2	5	1	8	High school diploma or equivalent	None	Short-term on-the-job training	3	4	3	4	3	4
C+	NEXT	49-9099	Installation, Maintenance, and Repair Workers, All Other	235	262	27	11.5%	\$35,619	\$51,349	\$45,642	\$77,074	9	17	3	29	High school diploma or equivalent	None	Moderate-term on-the-job training	6	8	6	6	6	8
<b>51-0000 Production Occupations</b>																								
				<b>13,320</b>	<b>14,548</b>	<b>1,228</b>	<b>9.2%</b>	<b>\$29,343</b>	<b>\$38,663</b>	<b>\$37,026</b>	<b>\$46,044</b>	<b>532</b>	<b>991</b>	<b>123</b>	<b>1,646</b>									
B	NEXT	51-1011	First-Line Supervisors of Production and Operating Workers	737	826	89	12.1%	\$45,806	\$59,585	\$56,708	\$70,832	24	53	9	86	High school diploma or equivalent	Less than 5 years	None	3	4	3	4	3	4
D	NEXT	51-2021	Coil Winders, Tapers, and Finishers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
B	NEXT	51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil	897	1,061	164	18.3%	\$32,233	\$38,301	\$37,139	\$42,639	39	63	16	118	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	NEXT	51-2031	Engine and Other Machine Assemblers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT	51-2041	Structural Metal Fabricators and Fitters	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT	51-2051	Fiberglass Laminators and Fabricators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
C	NEXT	51-2090	Miscellaneous Assemblers and Fabricators	993	1,020	27	2.7%	\$28,575	\$34,409	\$34,357	\$39,348	38	72	3	113	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	3
D	NEXT	51-3011	Bakers	223	260	37	16.6%	\$23,734	\$29,957	\$27,838	\$33,030	14	20	5	36	High school diploma or equivalent	None	Long-term on-the-job training	3	3	3	3	4	4
D	NEXT	51-3021	Butchers and Meat Cutters	149	146	-3	-2.0%	\$24,140	\$32,191	\$30,297	\$39,276	6	11	0	17	No formal educational credential	None	Long-term on-the-job training	3	4	3	4	3	4
D	NOW	51-3022	Meat, Poultry, and Fish Cutters and Trimmers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
D	NOW	51-3023	Slaughtering and Meat Packers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training	3	3	3	3	3	3
C+	NEXT	51-3092	Food Batchmakers	n/a	n/a	n/a	n/a	\$29,370	\$35,854	\$35,180	\$41,333	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	NEXT	51-3093	Food Cooking Machine Operators and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT	51-3099	Food Processing Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT	51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, M	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT	51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	n/a	n/a	n/a	n/a	\$35,841	\$43,662	\$42,798	\$49,846	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	4	3	4
D	NEXT	51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, M	n/a	n/a	n/a	n/a	\$35,841	\$43,662	\$42,798	\$49,846	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	3	4
D	NEXT	51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, M	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
D	NEXT	51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Ope	82	83	1	1.2%	\$31,201	\$39,036	\$38,316	\$46,861	4	6	0	10	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
C	NEXT	51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, M	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	4	3	4	4	4
D	NEXT	51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training	3	3	3	3	3	4
B	NEXT	51-4041	Machinists	423	72	-20.3%	\$37,942	\$49,714	\$47,501	\$60,910	13	26	7	46	High school diploma or equivalent	None								

# Notes

- 1. n/a = Data suppressed due to confidentiality or lack of statistically significant data.
- 2. Net Employment Change (Column G) is the difference in the number of jobs between the base and projected years.
- 3. Percent employment change (Column H) indicates how fast employment is expected to increase or decrease during the projection period.
- 4. Annual Exit Openings (Column M) are an estimate of the annual number of jobs that will arise from the need to replace workers who have left the workforce entirely.
- 5. Annual Transfer Openings (Column N) are an estimate of the annual number of jobs that will arise from the need to replace workers who have transferred to a different occupation.
- 6. Annual Growth Openings (Column O) are the annual numeric change in employment.
- 7. Annual Total Openings (Column P) are the sum of exit, transfer, and growth openings.

## Occupation Grade

The occupation grades, or "career grades", are based on a combination of total job openings, percent growth, and the average wages of an occupation. Occupations with the letter grade "A+" have the best outlook, while occupations with the letter grade "F" have the worst outlook. Grades in each region are determined by comparing only the occupations within that region.

## STEM

Refers to Science, Technology, Engineering, and Math occupations. "Core" occupations are those that strictly use STEM skills. "Related" occupations are those that use related STEM skills.

## N\_N\_L: "Now, Next, Later"

Now: Typically requires short-term on-the-job training, little to no experience, and/or a high school diploma  
Next: Typically requires non-degree certificate, associate’s degree, apprenticeship, some experience, or moderate- to long-term training  
Later: Typically requires a bachelor’s degree or higher

## ACT WorkKeys Assessments

ACT WorkKeys® assessments measure foundational skills required for success in the workplace, and help measure the workplace skills that can affect job performance. Scores are provided for three different categories: Applied Math, Workplace Documents, and Graphic Literacy. Each assessment offers varying levels of difficulty. The levels build on each other, incorporating the skills assessed at the previous levels. For example, at Level 5, individuals need the skills from Levels 3, 4, and 5. The minimum and median score required for each occupation is shown, if available. For more information about WorkKeys skills, please visit the following website:  
<https://www.act.org/content/act/en/products-and-services/workkeys-for-employers/assessments.html>